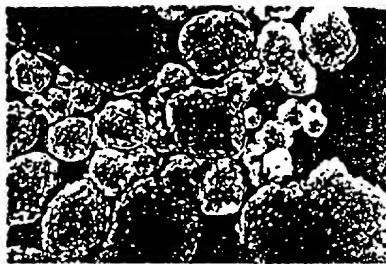
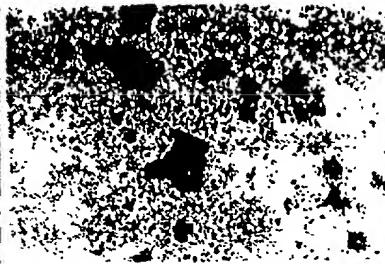


Spheroids

...G63



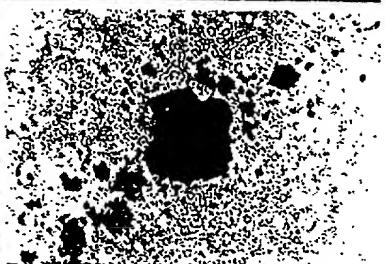
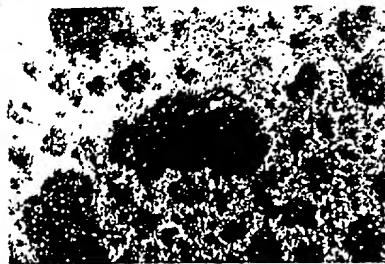
HBPC



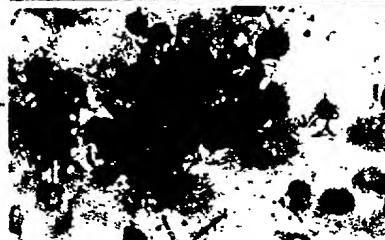
Osteoblasts



Microspicules



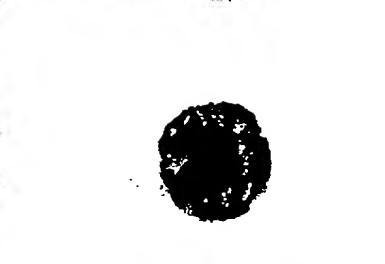
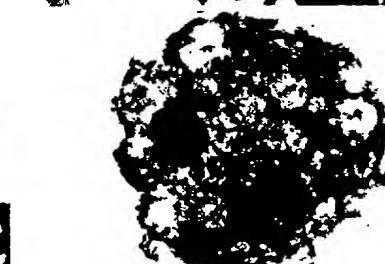
Osteonectin



Masson's
stain



Type I
Collagen



Alkaline
Phosphatase



Alizarin Red



FIG. 1

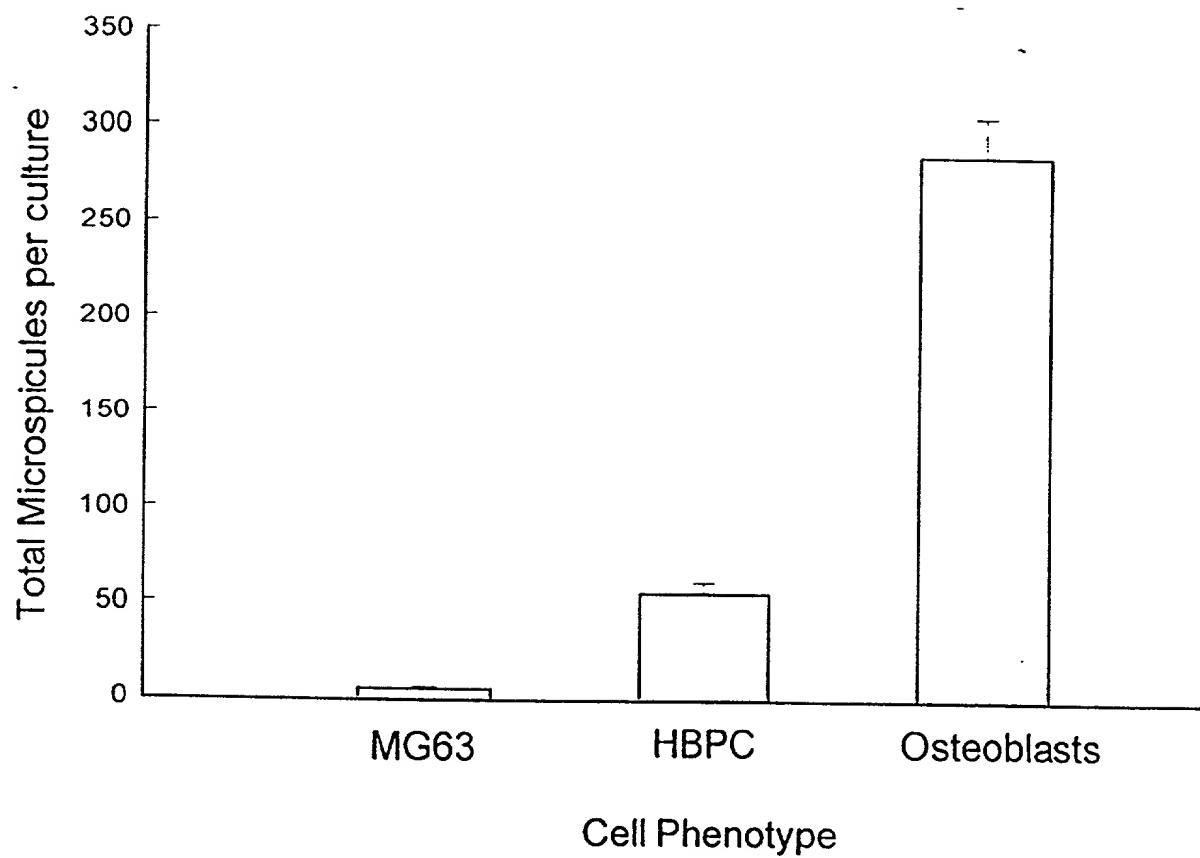


FIG. 2

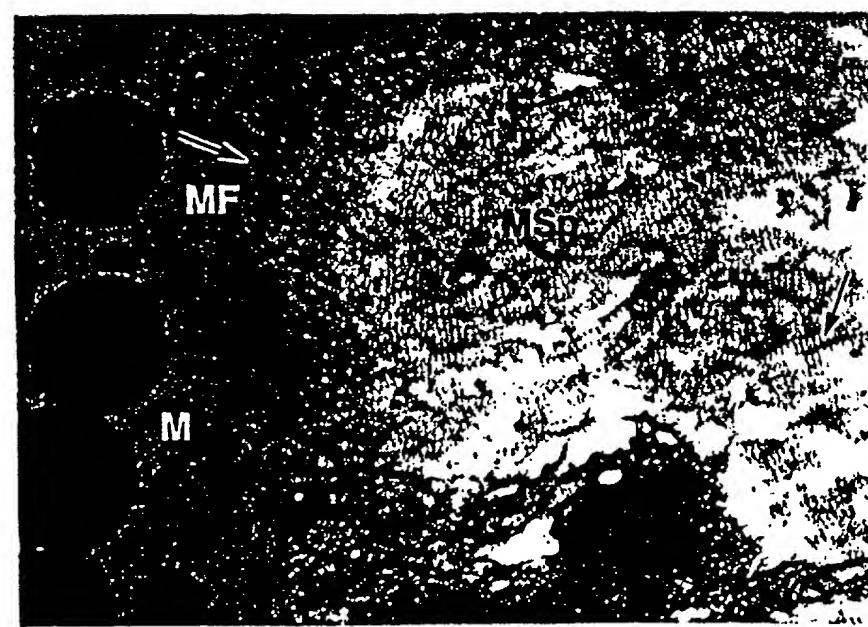
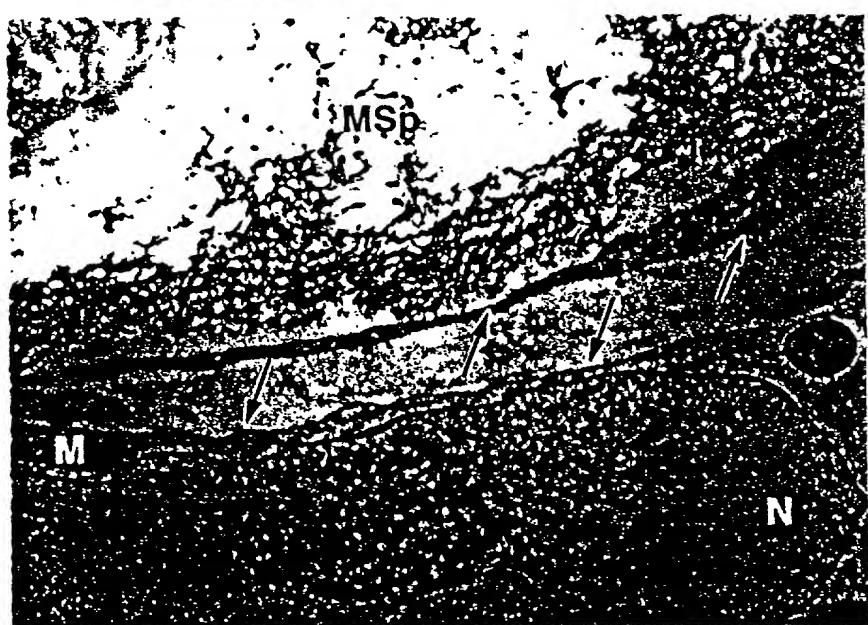
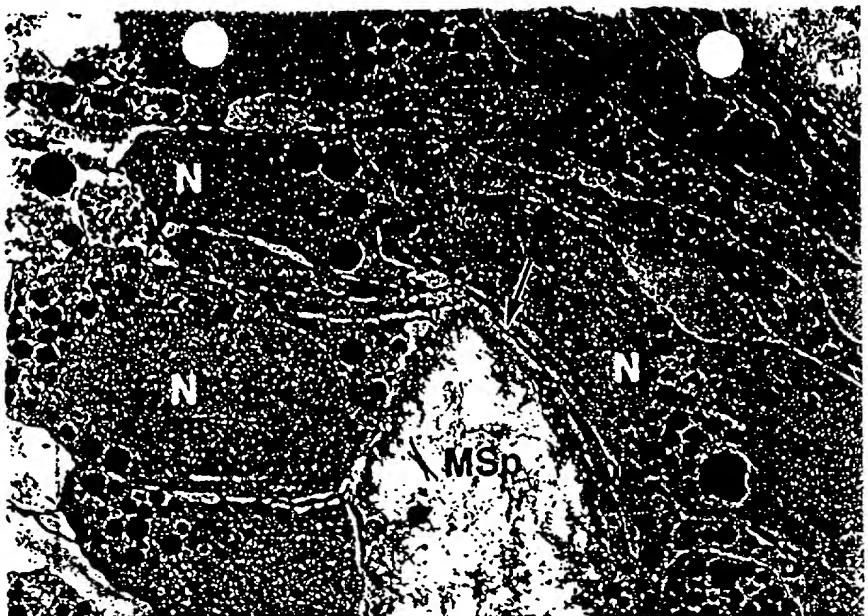
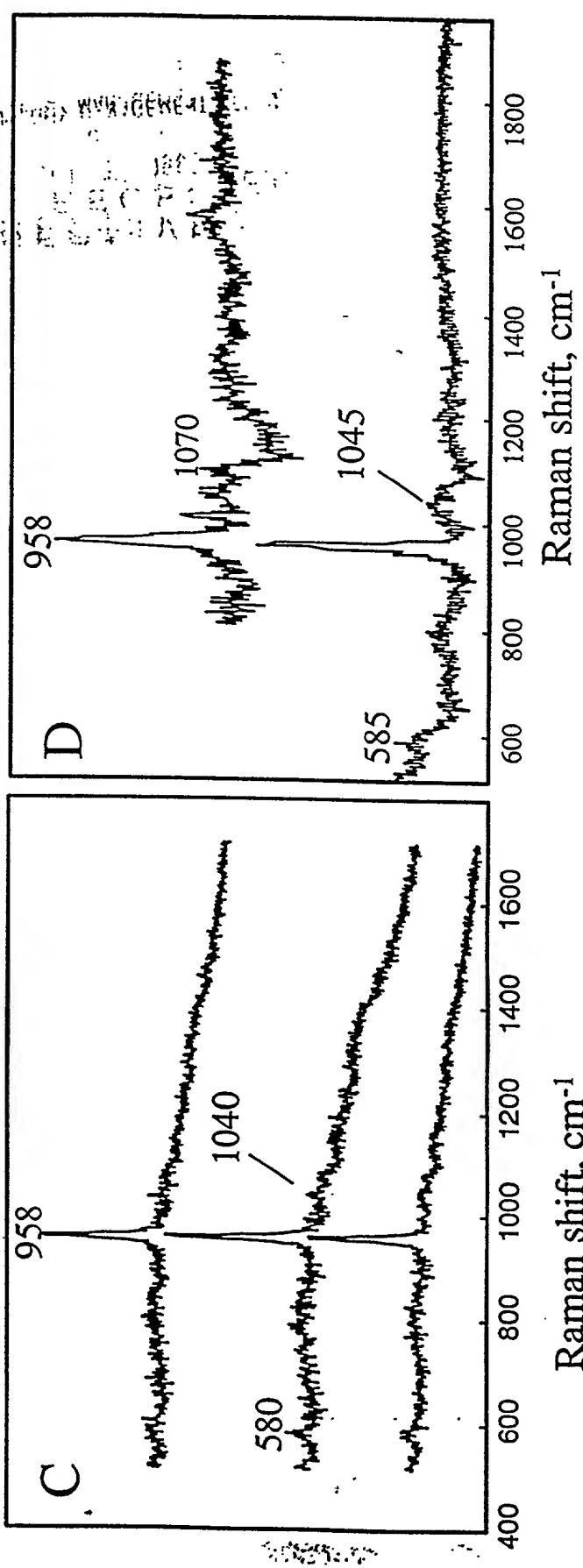
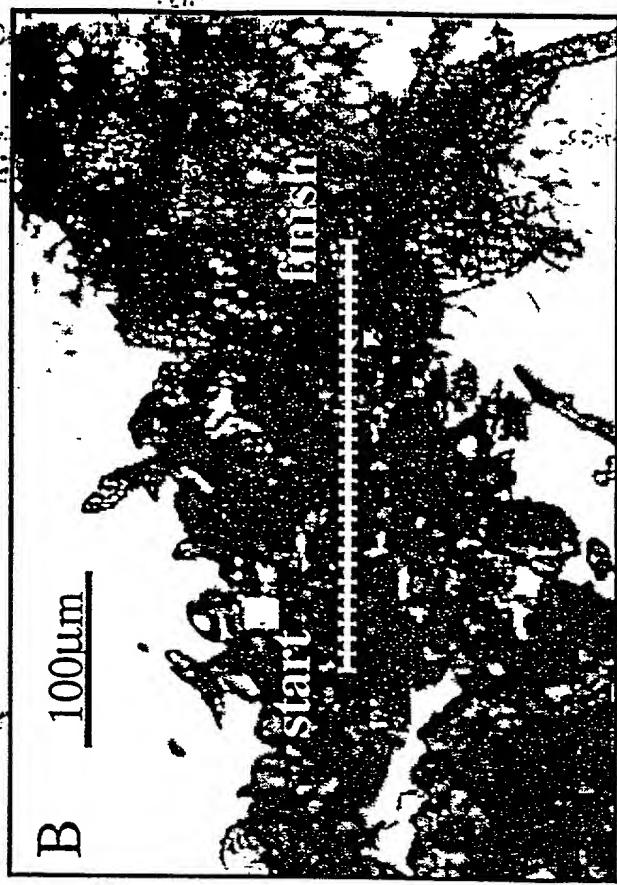


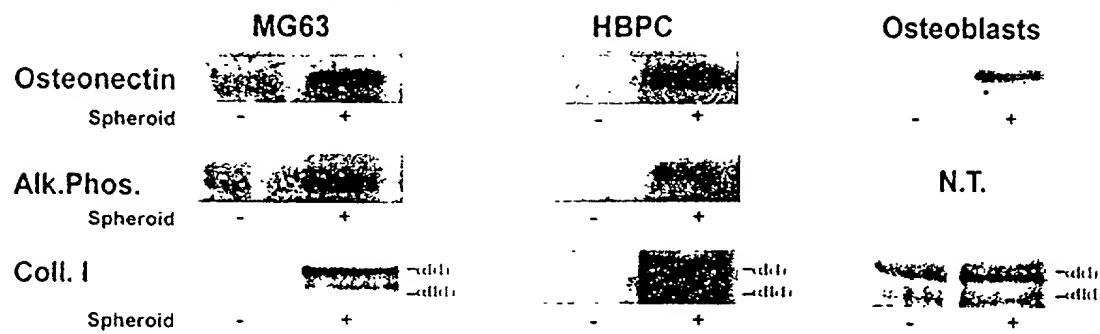
FIG. 3



Raman shift, cm^{-1}

FIG. 4

A. Bone Protein Expression



B. Alkaline Phosphatase Enzymatic Activity

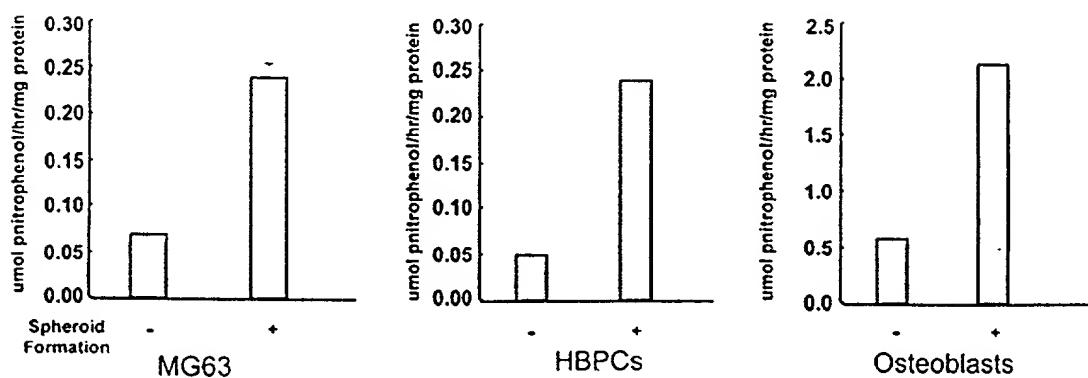


FIG. 5

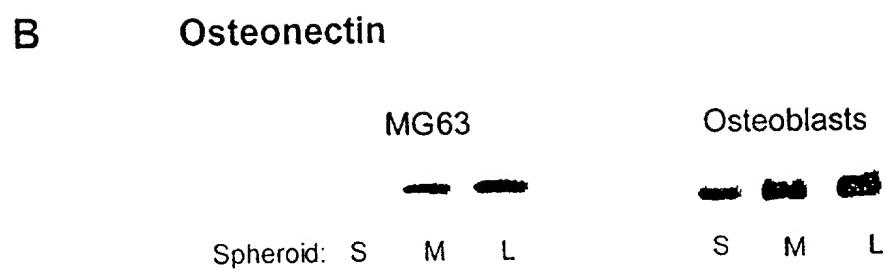
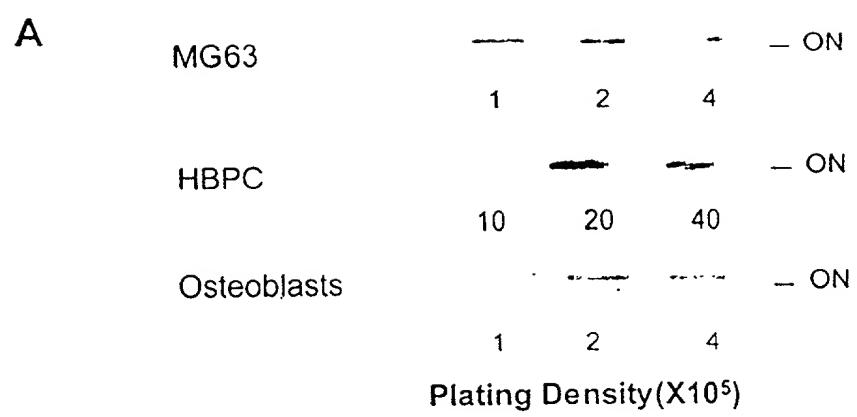


FIG. 6

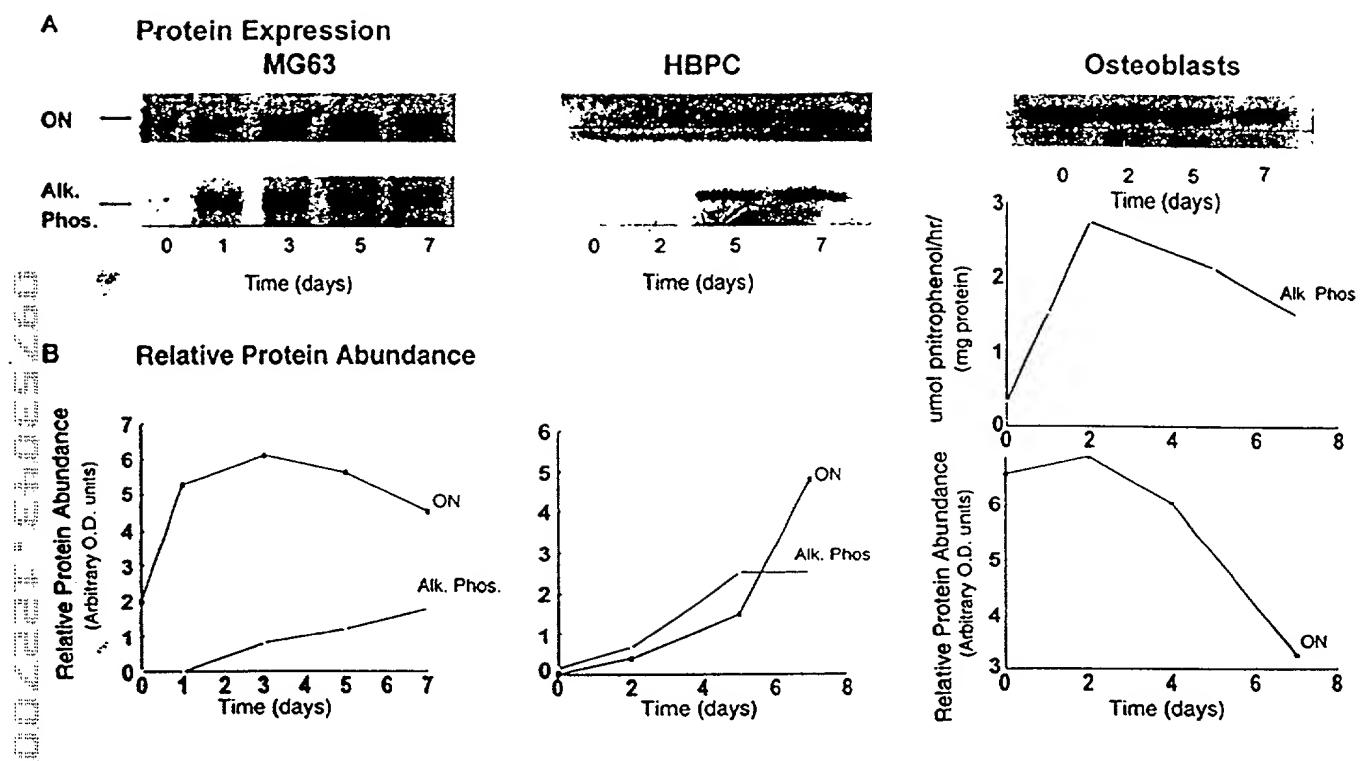


FIG. 7

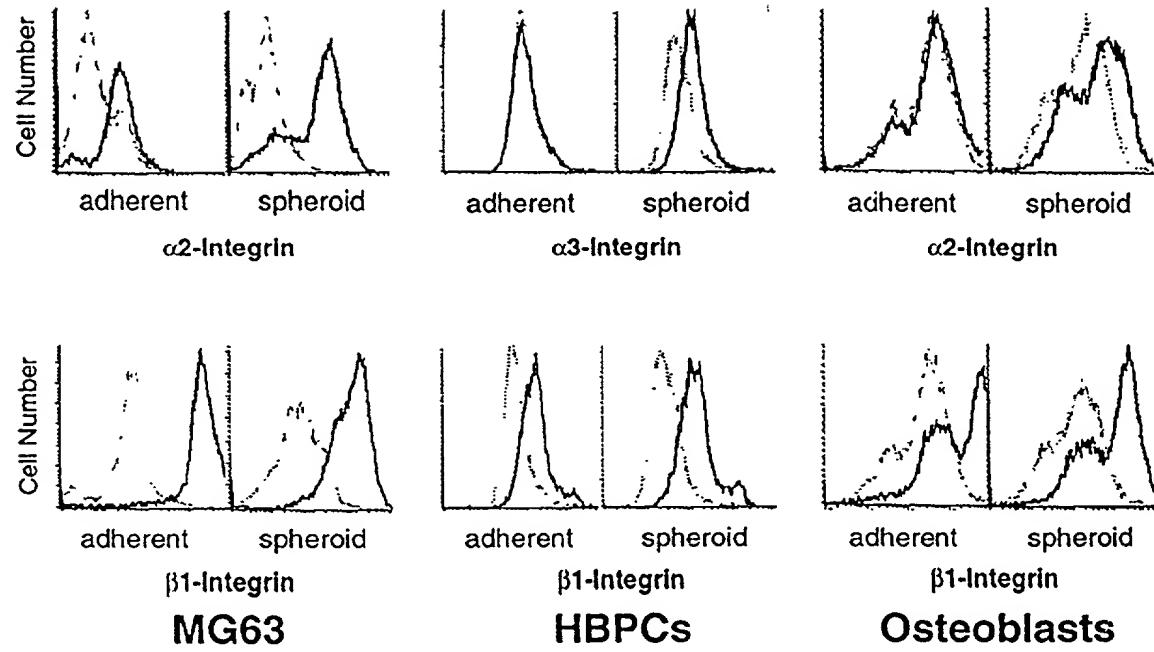


FIG. 8

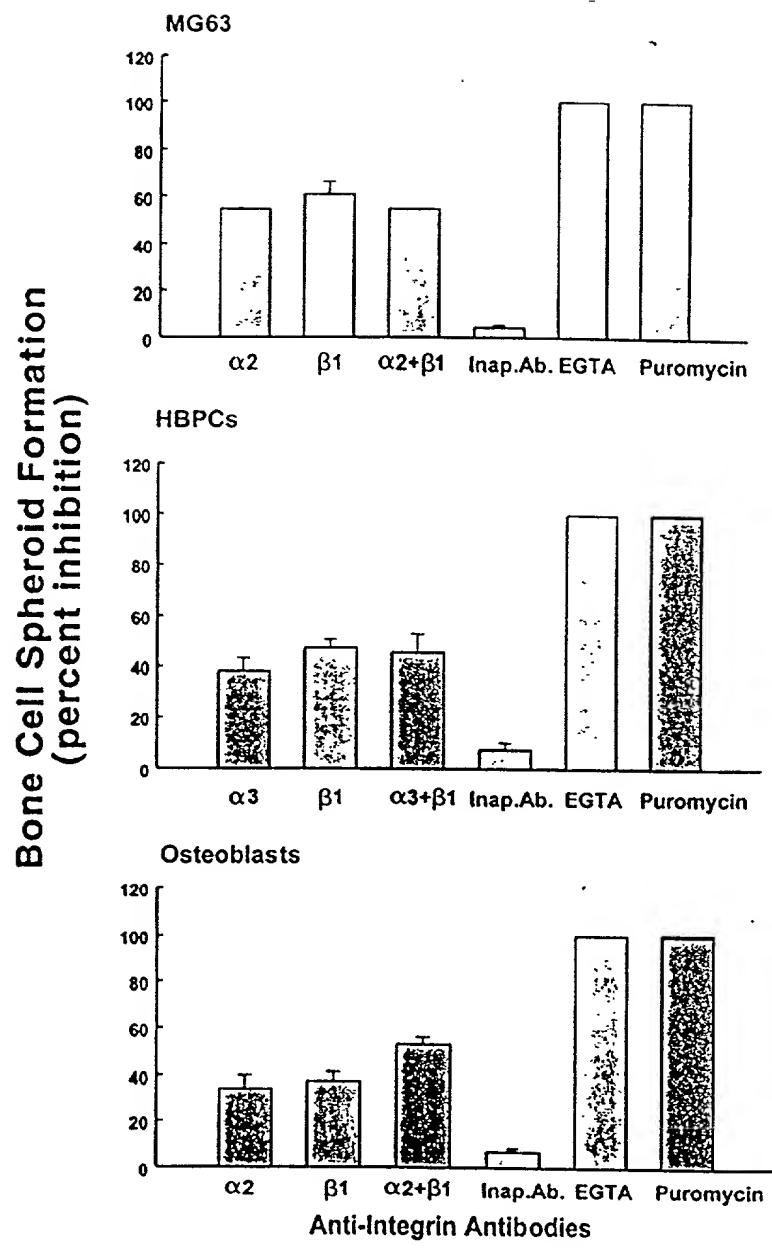


FIG. 9

